

Transforming soil health & microbiology science into efficient applied agronomic solutions

Florésens^{System} Restorative Agronomy

www.floressenssystem.com

FSS System team has more than 10 years of experience **advising, executing, educating, and leading** projects and agronomic solutions for agroecosystems and livestock transition, toward regenerative management.

Our mission

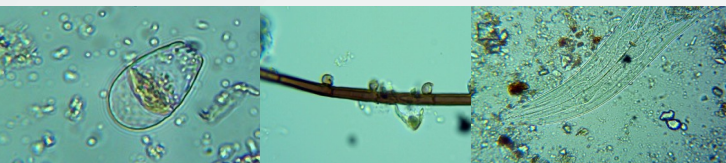
Our services aim to optimize agribusiness profitability, accelerate the adoption of agroecological and regenerative principles and practices in production systems of all scales, restore agricultural and livestock ecosystems and open door to new potential markets.

To achieve this, we focus on transferring tools and skills that help beginners of Restorative Agronomy become expert practitioners. Our commitment is to educate and build a regenerative agronomic culture that enables families, communities, and agribusinesses to operate sustainably and resiliently.

“WE TAKE YOUR FARMING OPERATIONS FROM CONVENTIONAL TO RESTORATIVE”



“MICROBIOLOGY AT THE CENTER OF THE SOIL HEALTH”



What is a restorative agronomy?

An agronomic method that uses innovative and existing **tools**, that **IMITATES ECOSYSTEM FUNCTIONS** and minimizes external inputs.

It reduces the risk of loss of long-term **PROFITABILITY** of any food system, in synergy with the rehabilitation of the functions of the entire ecosystem and the improvement of natural resources.

Outcomes

- Minimized soil disturbance & maximized biodiversity
- Restored soil microbiome & improved soil health
- High carbon sequestration capacity
- Minimal use of external inputs - towards organic -
- Increase efficiency of water use
- High carbon sequestration capacity



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What are our projects focus?

Large-scale regenerative agriculture
Syntropic agroforestry

Restorative grazing
Agroecological gardens and farms

How do we do the transition?

- ✓ Showing the essential steps for the execution of the transition from a conventional agronomic operational mode to a regenerative one.
- ✓ Establishing a transition plan: we analyze and define the regenerative operational framework according to the needs and local agronomic context.
- ✓ Developing the technical-agronomic skills and criteria for regenerative autonomy.
- ✓ Guiding the farm design under ecosystem principles.
- ✓ Teaching the correlation between agronomic management, the microbiological food web and soil health.
- ✓ Developing quantitative and qualitative soil health monitoring capabilities using direct microscopy techniques.
- ✓ Training in the production of edaphics, with high nutritional value for the health and sustainability of crops.
- ✓ Transferring the design and, lead the construction of bio-stimulant liquid production units at any scale.
- ✓ Providing new tools for monitoring plant and crop nutrition.
- ✓ Sharing our experience about new machinery adapted to regenerative agronomic management.
- ✓ Preparing farmers for participation in carbon markets & ecosystems services.
- ✓ Offering options for new sources of income by valuing agro-business residues through the commercial production of mushrooms with high market value, and preparing farmers for regenerative certifications and the emerging market demand for regenerative products.

Our services
are tailored to your
needs

Consulting y advice
for regenerative management

Analysis y diagnosis
of microbiological soil health

Execution and field test

Financial projection
of the transition

Training & courses
presential/virtual



Our work is based on a shared vision highlighting the importance of working collaboratively, valuing all learnings, knowledge, and previous experiences that enriches on farm operational transition.



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